DB Name	Query	Hit Count	Set Name
PGPB	l27 with l28	0	L31
PGPB	l26 with l28	0	L30
PGPB	l25 with l28	0	L29
PGPB	positive$2 near charge$1	506	L28
PGPB	D-ala or d-arg or d-asn or d-asp or d-cys or d-glu or d-gln or d-gly or d-his or d-ile or d-leu or d-lys or d-met or d-phe or d-pro or d-ser or d-thr or d-trp or d-tyr or d-val	27	L27
PGPB	d adj (glutam$3 or aspart$)	52	L26
PGPB	(D-amino acid$1) or (D adj amino adj acid$1)	44	L25
JPAB,EPAB,DWPI	l22 and l23	24	L24
JPAB,EPAB,DWPI	l19 or l20 or l21	2991	L23
JPAB,EPAB,DWPI	positive$2 near charge$1	9556	L22
JPAB,EPAB,DWPI	D-ala or d-arg or d-asn or d-asp or d-cys or d-glu or d-gln or d-gly or d-his or d-ile or d-leu or d-lys or d-met or d-phe or d-pro or d-ser or d-thr or d-trp or d-tyr or d-val	1229	L21
JPAB,EPAB,DWPI	d adj (glutam$3 or aspart$)	948	L20
JPAB,EPAB,DWPI	(D-amino acid$1) or (D adj amino adj acid$1)	946	L19
USPT	l17 and @ad<19981201	20	L18
USPT	l14 or l15 or l16	21	L17
USPT	l9 with l12	8	L16
USPT	l8 with l12	5	L15
USPT	l4 with l12	10	L14
USPT	l1 with l12	0	L13
USPT	positive$2 near charge$1	33763	L12
USPT	l10 or l4	6912	L11
USPT	l5 or l6 or l7 or l8 or l9	4697	L10
USPT	D-ala or d-arg or d-asn or d-asp or d-cys or d-glu or d-gln or d-gly or d-his or d-ile or d-leu or d-lys or d-met or d-phe or d-pro or d-ser or d-thr or d-trp or d-tyr or d-val	1790	L9
USPT	d adj (glutam$3 or aspart$)	3069	L8
USPT	D adj $ine	101	L7
USPT	D adj $ine	101	L6
USPT	D adj $ine	101	L5
USPT	(D-amino acid$1) or (D adj amino adj acid$1)	3025	L4
JPAB,EPAB,DWPI	zalutsky$[in]	10	L3
PGPB	zalutsky$[in]	0	L2
USPT	zalutsky$[in]	3	L1

WEST

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L30: Entry 18 of 24 File: DWPI Oct 24, 1993

DERWENT-ACC-NO: 1994-026637
DERWENT-WEEK: 199404

TITLE: New chemical conjugate for intracellular delivery of cpds. - comprises a biological agent chemically coupled to a carrier peptide contg. arginine residues; for delivery of, e.g. drugs

INVENTOR: BARNETT, R W; REID, L S ; SUMMER-SMITH, M ; TWIST, M

PATENT-ASSIGNEE: ALLELIX BIOPHARMACEUTICALS INC (ALLX)

PRIORITY-DATA: 1992US-0872396 (April 23, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CA 2094658 A	October 24, 1993		018	C07K007/06

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
CA 2094658A	April 22, 1993	1993CA-2094658	

INT-CL (IPC): A61K 47/48; A61K 49/00; C07K 7/06; C07K 9/00; C07K 15/12

ABSTRACTED-PUB-NO: CA 2094658A
BASIC-ABSTRACT:

A chemical conjugate (I) comprises at least 1 biological agent (BA) chemically coupled, to facilitate intracellular delivery, to a carrier peptide (CP), the CP comprising mostly positively charged amino acids, at least 50% of which are in the D-isomer form.

Pref. the CP consists of 8-10, pref. 9 D-Arg residues, and the BA is a polypeptide or polynucleotide. (I) may comprise a single biochemcial agent, such as a peptide or oligonucleotide, which is coupled to the N-terminus of the CP.

USE/ADVANTAGE - (I) is used for the intracellular delivery of biochemcial agents, such as therapeutic peptides, protein- or nucleic acid-based drugs and diagnostic agents. The CP facilitates uptake by a cell and delivery to an intracellular location, esp. the nucleus.

ABSTRACTED-PUB-NO: CA 2094658A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: B04
CPI-CODES: B04-C01; B04-E01; B04-N04; B12-K04A;